



# News Release

Joint Program Executive Office, Joint Tactical Radio System

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## JPEO JTRS Announces Airborne, Maritime, Fixed-Site SDD Contract Award

SAN DIEGO – The Electronic Systems Command, Hanscom Air Force Base awarded a prime contract to Lockheed Martin for \$766-million. The selection was made following an open source, best value competition. The Office of the Secretary of Defense for Acquisition, Technology and Logistics has approved moving forward with the system development and demonstration (SDD) phase for the Joint Tactical Radio System Airborne Maritime Fixed Station (JTRS AMF) program.

The SDD phase consists of critical design, prototype and engineering development model fabrication, initial testing and certification, as well as options for low rate initial production. In following with the JPEO JTRS Enterprise Business Model for competition in production, the prime contractor, Lockheed Martin, will be responsible for qualifying a minimum of two sources for each form factor and insure their JTRS compliance.

The AMF JTRS program will provide the warfighter with software reprogrammable digital radio communications allowing seamless, high speed and digital information exchange. This will allow the warfighter to expand and modify the capacity and capability of individual radios, links and networks to accommodate user demand. The system will be designed for worldwide deployment in both hostile and friendly environments, in military and civilian actions, and in varied terrain and climate. AMF will support joint, allied and combined / coalition operations by providing the capability to transmit, receive, bridge and gateway between similar and diverse waveforms over multiple communications media and networks.

### About JPEO JTRS

The Joint Tactical Radio System, headquartered in San Diego, Calif, was initiated in early 1997 to improve and consolidate the Services' pursuit of separate solutions to replace existing legacy radios in the Department of Defense inventory. The JTRS program has evolved from separate radio replacement programs to an integrated effort to network multiple weapon system platforms and forward combat units where it matters most – the last tactical mile. JTRS will link the power of the Global Information Grid to the warfighter in applying fire effects and achieving overall battlefield superiority.

JTRS is developing an open architecture of cutting edge radio waveform technology that allows multiple radio types (e.g., handheld, aircraft, maritime) to communicate with each other. The goal is to produce a family of interoperable, modular software-defined radios which operate as nodes in a network to ensure secure wireless communication and networking services for mobile and fixed forces. These goals extend to U.S. allies, coalition partners and, in time, disaster response personnel.